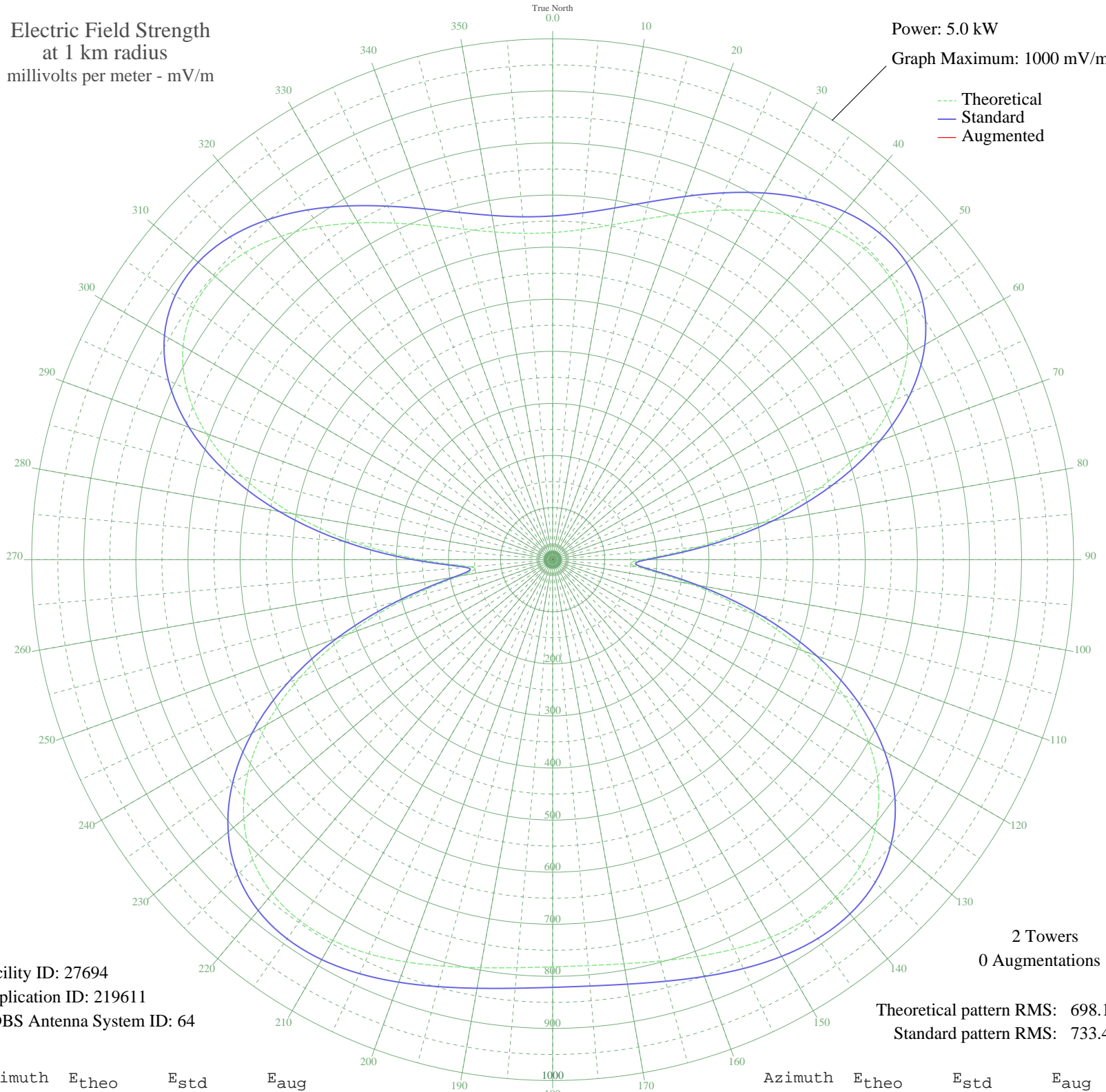


WLTG PANAMA CITY, FL BL-19960131AB 1430 kHz

Daytime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 5.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 27694
Application ID: 219611
CDBS Antenna System ID: 64

2 Towers
0 Augmentations

Theoretical pattern RMS: 698.18
Standard pattern RMS: 733.46

Azimuth	E _{theo}	E _{std}	E _{aug}
0	628.07	659.89	
5	636.11	668.33	
10	652.61	685.64	
15	676.55	710.76	
20	706.31	742.00	
25	739.68	777.02	
30	773.81	812.84	
35	805.27	845.86	
40	830.22	872.04	
45	844.53	887.06	
50	844.13	886.65	
55	825.37	866.96	
60	785.40	825.00	
65	722.60	759.09	
70	636.98	669.24	
75	530.58	557.60	
80	408.08	429.13	
85	279.08	293.98	
90	170.81	180.88	
95	166.02	175.89	
100	268.96	283.38	
105	394.12	414.49	
110	512.83	538.99	
115	616.07	647.30	
120	700.08	735.45	
125	763.71	802.24	
130	807.63	848.34	
135	833.85	875.85	
140	845.23	887.80	
145	845.17	887.74	
150	837.19	879.36	
155	824.68	866.23	
160	810.69	851.55	
165	797.75	837.96	
170	787.82	827.54	
175	782.24	821.69	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	781.72	821.15	
185	786.32	825.97	
190	795.47	835.57	
195	807.94	848.67	
200	821.91	863.33	
205	834.94	877.01	
210	844.09	886.61	
215	846.02	888.63	
220	837.21	879.38	
225	814.21	855.24	
230	774.02	813.06	
235	714.43	750.52	
240	634.48	666.62	
245	534.89	562.12	
250	418.79	440.35	
255	293.69	309.27	
260	181.57	192.09	
265	158.08	167.64	
270	254.19	267.93	
275	382.35	402.15	
280	507.16	533.03	
285	617.26	648.55	
290	707.27	743.00	
295	774.69	813.76	
300	819.15	860.42	
305	841.95	884.36	
310	845.75	888.35	
315	834.06	876.08	
320	810.91	851.78	
325	780.43	819.79	
330	746.55	784.23	
335	712.78	748.79	
340	682.10	716.58	
345	656.84	690.09	
350	638.76	671.11	
355	628.97	660.84	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission